I claim:

1. A stacking apparatus for integrated circuit assemblies comprising at least one substrate and one integrated circuit assembly stacking over each other, wherein:

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the substrate has an opening in the center of a upper surface of the substrate and a plurality of solder spots located on the periphery of the opening, the solder spots being electrically connected to lower surface of the substrate; and

the integrated circuit assembly sunk in the aforementioned opening, with its legs soldering on the solder spots of the substrate, combining the substrate to make a unit structure; two or more such units can be stacked and soldered over each other, with their bottom soldering to a surface of a printed circuit board.

- The stacking apparatus of claim 1, wherein the opening in the center
 of the substrate is a through hole running through an upper surface
 and a lower surface of the substrate.
 - 3. The stacking apparatus of claim 1, wherein the opening in the center of the substrate is a cavity sunk from a surface of the substrate.
- 4. The stacking apparatus of claim 2, wherein the periphery of the opening has solder spots located on the upper surface and the lower surface of the substrate; the solder spots on the upper surface and the lower surface are connected electrically.

- 5. The stacking apparatus of claim 3, wherein the periphery of the cavity has solder spots that are electrically connected to the other surface of the substrate.
- 6. The stacking apparatus of claim 5, wherein the solder spots on the
 5 periphery of the cavity of the substrate are electrically connected to the surface of the printed circuit board.
 - 7. The stacking apparatus of claim 1, wherein the substrate has a lateral side that has air vents communicating with the opening in the center thereof.
- 10 8. The stacking apparatus of claim 1, wherein the units are soldered and coupled through corresponding legs located on an upper layer unit and a lower layer unit, the substrate of the lower layer unit has a bottom side bonding to the printed circuit board to form stacking.
- 9. The stacking apparatus of claim 1, wherein the units include a lower layer unit which has legs soldering on the printed circuit board, and an upper layer unit which has legs bonding to solder spots located on an upper surface of a substrate of the lower layer unit to form stacking.
 - 10. The stacking apparatus of claim 1, wherein a portion of bottom of the lower unit sinks into the cavity of the surface of the printed circuit board.

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